Figure 12: DVC_SBPDU_Proc Flow-Chart
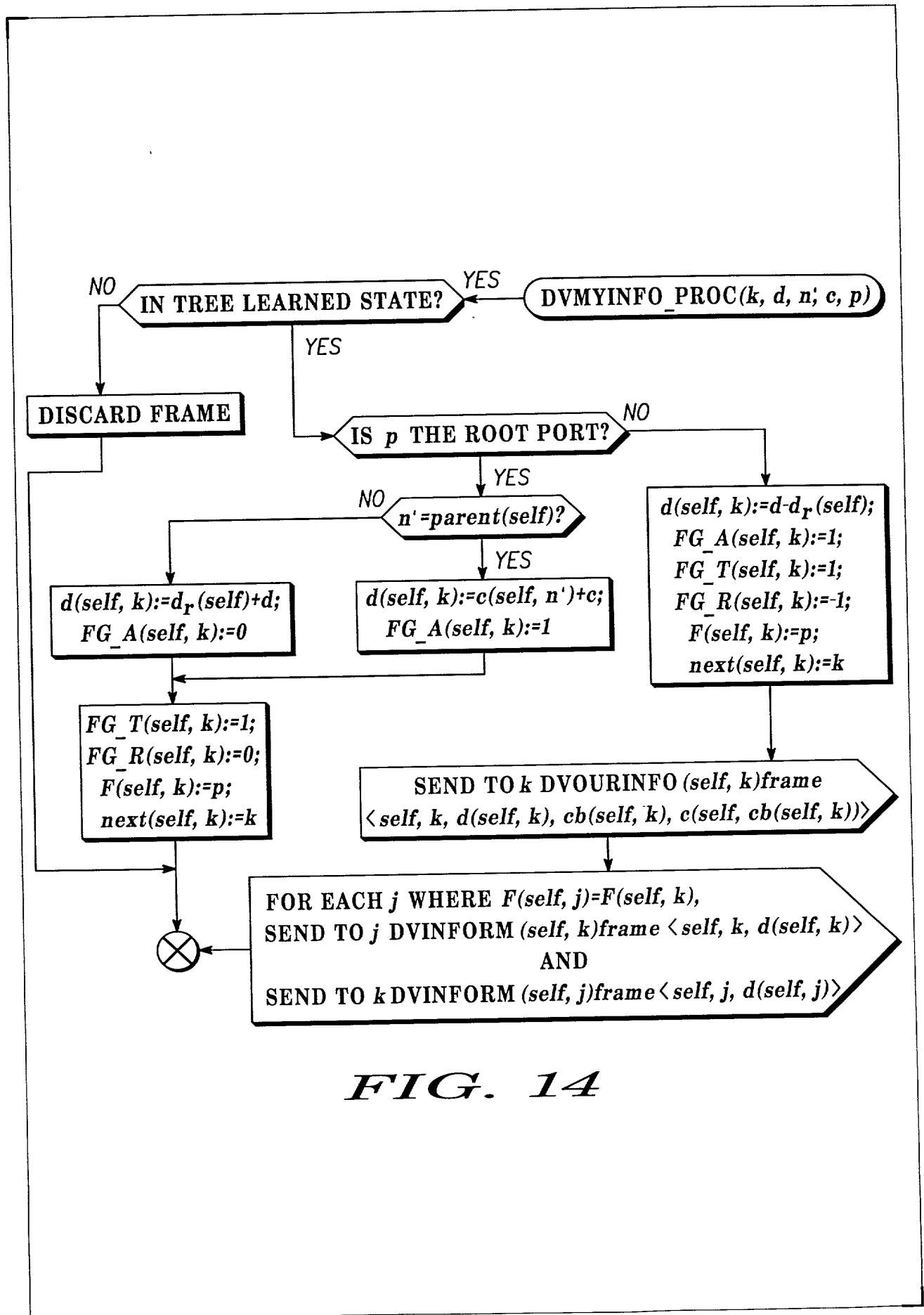
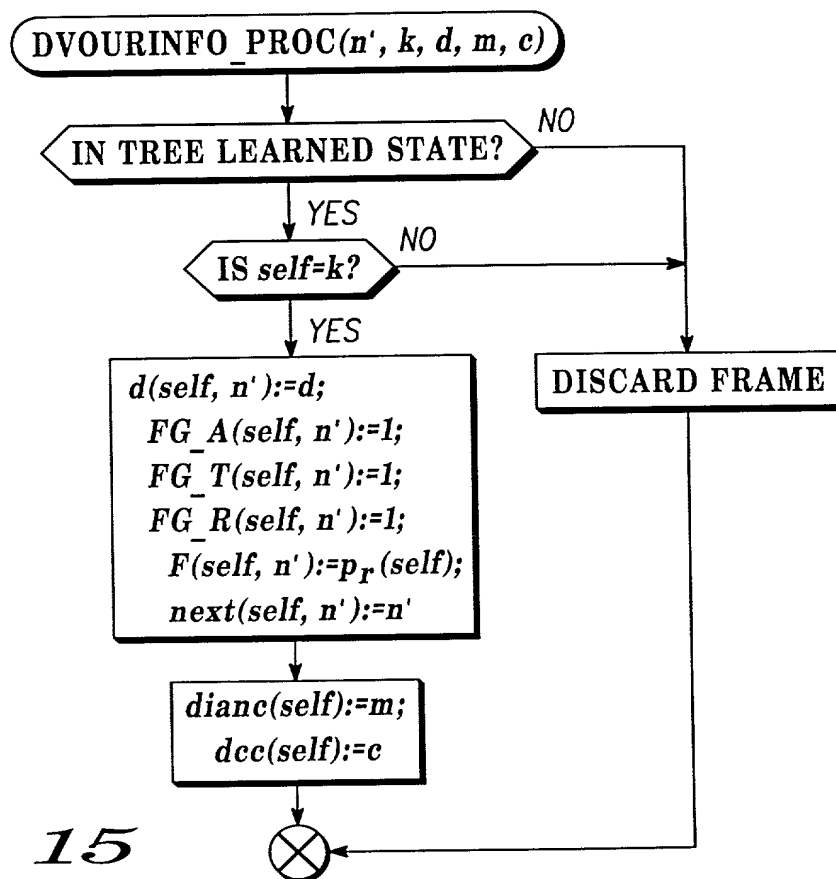NO ◁ **IN TREE LEARNED STATE?** ▷ YES ◁ **DVMYINFO_PROC(k, d, n; c, p)**

YES

DISCARD FRAME

IS p THE ROOT PORT? — NO

YES

NO ◁ **n'=parent(self)?** ▷ YES

$d(self, k):=d_r(self)+d;$
$FG\_A(self, k):=0$

$d(self, k):=c(self, n')+c;$
$FG\_A(self, k):=1$

$d(self, k):=d-d_r(self);$
$FG\_A(self, k):=1;$
$FG\_T(self, k):=1;$
$FG\_R(self, k):=-1;$
$F(self, k):=p;$
$next(self, k):=k$

$FG\_T(self, k):=1;$
$FG\_R(self, k):=0;$
$F(self, k):=p;$
$next(self, k):=k$

SEND TO k DVOURINFO (self, k)frame
$\langle self, k, d(self, k), cb(self, k), c(self, cb(self, k))\rangle$

FOR EACH j WHERE $F(self, j)=F(self, k),$
SEND TO j DVINFORM (self, k)frame $\langle self, k, d(self, k)\rangle$
AND
SEND TO k DVINFORM (self, j)frame $\langle self, j, d(self, j)\rangle$

⊗

FIG. 14

DVOURINFO_PROC(n', k, d, m, c)

IN TREE LEARNED STATE? — NO

YES

IS $self=k$? — NO

YES

$d(self, n'):=d;$
$FG\_A(self, n'):=1;$
$FG\_T(self, n'):=1;$
$FG\_R(self, n'):=1;$
$F(self, n'):=p_r(self);$
$next(self, n'):=n'$

DISCARD FRAME

$dianc(self):=m;$
$dcc(self):=c$

FIG. 15